Approved for use through 10/31/2002 OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary

Complete if Known						
Application Number Not yet assigned						
Filing Date	October 27, 2003					
First Named Inventor	Shinsuke Matsui					
Group Art Unit	N t yet assigned					
Examiner Name	Not yet assigned					
Attorney Docket Number	44471-293958					

	U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.1	U.S. Patent I		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ANN	1	5,107,627/		Mock, Jr., et al.	04-28-1992	
_	<del> </del>	<del> </del>				
					-	
		<u> </u>				
						_
			<del></del>			
	<u> </u>					
	<u> </u>	<b>†</b>			<u> </u>	

	FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No. <sup>1</sup>	Offic	Foreign Patent Doo	cument Kind Code <sup>3</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
ママグ	2/	ЛР	06-015556		Nippon Telegraph & Telephone Corp.	01-25-1994	•	X
	3/	JP	06-027330		Nippon Telegraph & Telephone Corp.	02-04-1994		X
	4-	JP	2002-018691		YKK Corp.	01-22-2002		X
		-						1
		†						+

Examiner Signature	Immy vom haprym	Date Considered	12-10-2004
14-1			<u> </u>

Unique citation designation number. \*See attached Kinds of U.S. Patent Documents. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language translation is attached.

400Z S Z 300H

Sheet

WW BOART &

PTO/SB/08a (08-03) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

95, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

de for form 1449

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

1

of

Complete if Known				
Application Number 10/694,421				
Filing Date	October 27, 2003			
First Named Inventor	Shinsuke Matsui			
Art Unit	2872			
Examiner Name	Not Yet Assigned			
Attorney Docket Number	44471/293958			

	U.S. PATENT DOCUMENTS						
Examiner Cite	Cite	Cite Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant		
tnitials *	tnitials * No.1	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear		
PVN	1	US- 5,464,361/	11-7-1995	Suzuki et al.			
	2	US- 5,497,443/	3-5-1998	Jie et al.			
- V	3	US- 4,979,334/	12-25-1990	Takahashi			
		US-					
		US-					
_		US-					
		US-	-				
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		ÜS-			712 70.		
		US-					

Examiner Cite Initials* No.	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	
	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>6</sup> (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T⁵	
¥√N	4/	EP 1 027 957 A2	8-16-2000	GKN Westland Helicopters Limited	-	
	5/	GB 231,573	3-31-1925	Joseph Newell Bethel, Sydney Player		
	6/	EP 0 352 709 A2	1-31-1990	Nippon Telegraph And Telephone Corporation		
J	7/	GB 310,301	4-19-1929	Leonard Eugene Cowey		
	ļ					

Examiner Signature	Jung vom	nguym	Date Considered	12-10-2004

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language

Traisation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.